

ABSTRACT OF THE DISCLOSURE

A structure of a light-shielding frame and a manufacturing method thereof for a liquid crystal display panel are described. The structure includes
5 a thin film transistor array substrate having a display region and a frame region surrounding the display region, and at least one color layer formed in the frame region. The color layer prevents the ambient light from projecting onto the frame region and serves as the spacer so that the cell gap between the thin film transistor array substrate and an opposite substrate can be uniformly
10 controlled. By further forming a planarization layer on the color layer, the cell gap between the thin film transistor array substrate and the opposite substrate can be much more uniformly controlled.